

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A laser module case comprising a snout through which an optical fiber assembly may be passed, wherein the optical fiber assembly includes an optical fiber disposed within a sleeve, the snout disposed through a wall of the case, wherein the optical fiber assembly is movable in X, Y and Z-directions within the snout so that it the optical fiber may be aligned with a laser within the laser module case after the module case is closed.

2. (Currently Amended) The laser module case of claim 1 wherein the optical fiber assembly is of a smaller cross-sectional exterior diameter than the snout cross-sectional inner diameter so that the optical assembly may move in ~~an~~ the X and Y-directions within the snout.

3. (Previously Presented) The laser module case of claim 1 wherein the snout has an inner end and an outer end, wherein the case further comprises:

an inner joint to secure the snout to the optical assembly at the inner end; and

wherein the optical fiber assembly is of a smaller cross-sectional exterior diameter than the snout cross-sectional inner diameter so that the optical assembly may move in an X and Y-direction within the snout and may thereby be aligned with a laser positioned within the case.

4. (Original) The laser module case of claim 3 further comprising an outer joint, wherein the aligned optical fiber assembly may be secured in position by the outer joint.

5. (Original) The laser module case of claim 3 wherein at least a portion of the inner joint is compliant.

6. (Original) The laser module case of claim 4 wherein at least a portion of the outer joint is compliant.

7. (Original) The laser module case of claim 2 wherein at least a portion of the case comprises a deformable material.

8. (Original) The laser module case of claim 3 wherein the inner joint is a flange.

9. (Original) The laser module case of claim 4 wherein the outer joint is a flange.

10. (Original) The laser module case of claim 3 wherein the inner joint is a solder joint.

11. (Original) The laser module case of claim 4 wherein the outer joint is a solder joint.

12. (Original) The laser module case of claim 3 wherein the inner joint is a welded joint.

13. (Original) The laser module case of claim 4 wherein the inner joint is a welded joint.

14. (Currently Amended) A laser module case ~~used with an optical fiber assembly having an inner end and an outer end, the case comprising:~~

a hollow snout having an inner end and an outer end; and

an inner joint;

wherein the snout is disposed through a wall of the case;

the an optical fiber assembly is disposed through the snout, wherein the optical fiber assembly includes an optical fiber disposed within a sleeve;

the inner joint secures the snout to the optical fiber assembly at their inner ends; and

the optical fiber assembly is of a smaller cross-sectional exterior diameter than the snout cross-sectional inner diameter so that the optical assembly may move in an X, Y and Z-directions within the snout; and

wherein the optical fiber ~~assembly~~ may be aligned with a laser positioned within the case after the case is closed.

15. (Original) The laser module case of claim 14 further comprising:
an outer joint to secure the snout to the optical fiber assembly at their outer ends.

16. (Original) A laser module comprising a case according to claim 1.

17. (Original) A laser module comprising a case according to claim 14.

18. (Currently Amended) A laser module case having a wall through which an optical fiber assembly is disposed, wherein the optical fiber assembly includes an optical fiber disposed within a sleeve, wherein the optical fiber assembly is movable in X, Y and Z-directions within a snout, and wherein the case comprises a deformable material to allow external alignment of the optical fiber assembly with a laser within the case after the case is closed.

19. (Currently Amended) A laser module case comprising a snout through which an optical fiber assembly is disposed, wherein the optical fiber assembly includes an optical fiber disposed within a sleeve, the snout disposed through a wall of the case, wherein the snout is secured to the case by a bendable flange to allow movement of the snout in X, Y and Z-directions for alignment of the optical fiber assembly with a laser within the case after the case is closed.